

ABSTRACT OF THE DISCLOSURE

An image server transmits reference image data to a mobile telephone having a display device on which the reference image is displayed. A wavelength vs. luminance characteristic of the displayed reference image is measured by a radiance measurement unit, and a correction parameter for the mobile telephone is calculated based upon the measured wavelength vs. luminance characteristic. Processing for calculating correction parameters is executed with regard to other mobile telephones as well. If an image-data transmit request is issued by a mobile telephone, the image data is corrected using the correction parameter that corresponds to the mobile telephone. The corrected image data is transmitted to the mobile telephone. Since a correction suited to the mobile telephone is carried out, an excellent image is displayed on the display screen of the mobile telephone.